

**DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
CARDIOVASCULAR DISORDERS**

ABSTRACT

5 The present invention is based at least in part on the discovery of the genomic
structure of the human SR-BI gene and on the identification of polymorphic regions within
the gene. Accordingly, the invention provides nucleic acids having a nucleotide sequence of
an allelic variant of an SR-BI gene and nucleic acids having an SR-BI intronic sequence. The
invention also provides methods for identifying specific alleles of polymorphic regions of an
10 SR-BI gene, methods for determining whether a subject has or is at risk of developing a
disease which is associated with a specific allele of a polymorphic region of an SR-BI gene,
and kits for performing such methods.

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